



CPRA Project Implementation Update - Construction

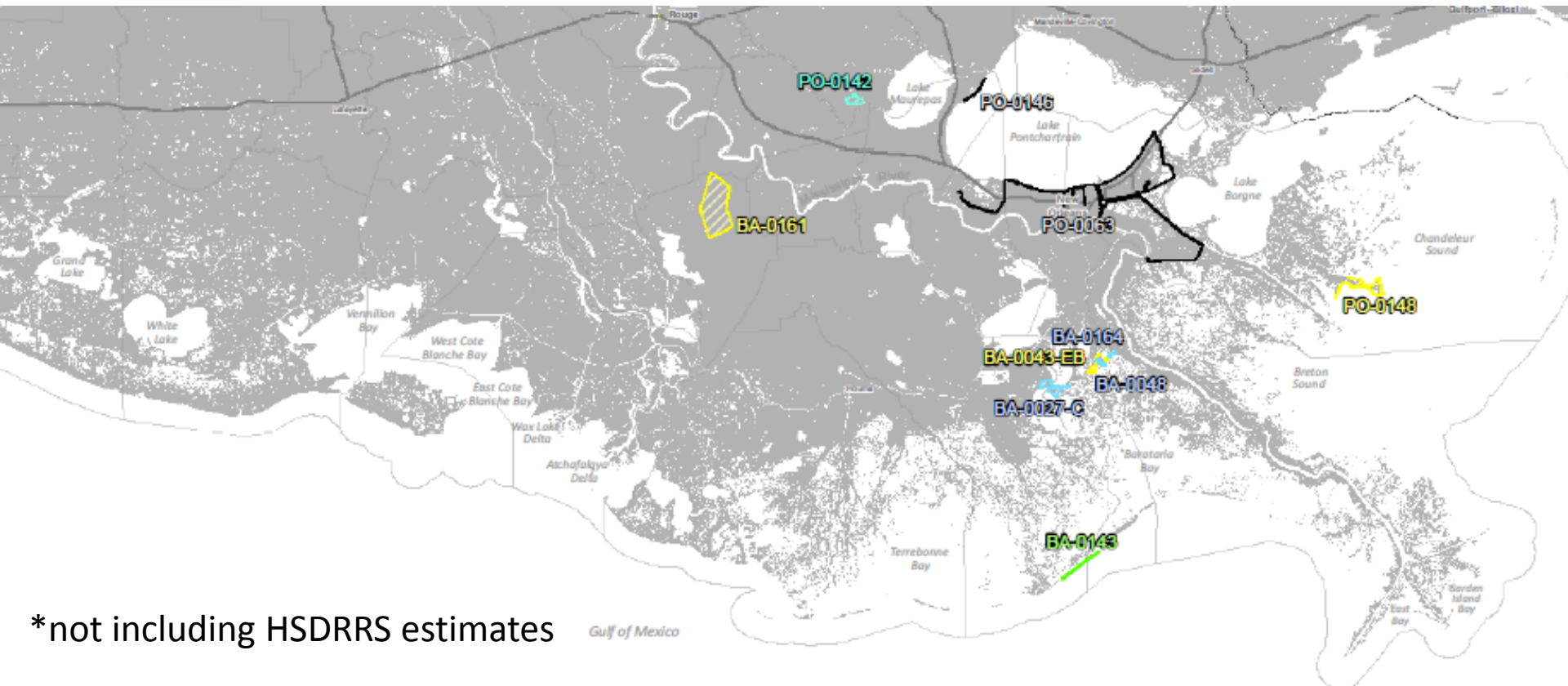
CPRA Board Meeting
June 19, 2017



committed to **our coast**

Closing Out FY 2017

- 10 projects completed in FY 2017 (July '16 – June '17) — Total project value ~\$382M*
- 11 new construction starts in FY 2017 — Total project value ~\$311M



Projects Completed in FY 2017

CWPPRA (3 Projects):

- BA-0027-C **Barataria Basin Landbridge Shoreline Protection Phase 3** (\$26.4M) - Jan '17
- BA-0048 **Bayou Dupont Marsh and Ridge Creation** (\$38.3M) - Nov '16
- BA-0164 **Bayou Dupont Sediment Delivery- Marsh Creation #3 and Terracing** (\$18.7M) - Jun '17

CIAP (3 Projects):

- BA-0043-EB **Mississippi R. Long Distance Sediment Pipeline** (\$66.3M) - Nov '16
- BA-0161 **Mississippi River Water Reintroduction into Bayou Lafourche- BLFWD** (\$26.7M) - Dec '16
- PO-0148 **Living Shoreline** (\$14.3M) - May '17

HSDRRS (2 Projects):

- PO-0063 **Lake Pontchartrain and Vicinity** (\$3.9B) - Jun '17*
- PO-0146 **LPV Mitigation Project, Manchac WMA Marsh Creation** (\$40.9M) - Aug '16

State (1 Project):

- PO-0142 **Hydrologic Restoration of the Amite River Diversion Canal** (\$3.6M) - Jan '17

NFWF (1 Project):

- BA-0143 **Caminada Headland Beach and Dune Restoration Incr. 2** (\$147M) - Oct '16

*not including ongoing armoring and lifts



Projects Completed in FY 2017- Highlights

- BA-0143 **Caminada Headland Beach and Dune Restoration Incr. 2** (NFWF) – restored 489 acres of barrier headland using material from Ship Shoal – completed October 2016
- BA-0164 **Bayou Dupont Sediment Delivery- Marsh Creation #3 and Terracing** (CWPPRA) – created/nourished 138 acres of marsh and ~9,700 LF of terraces – completed June 2017
- PO-0148 **Living Shoreline** (CIAP/State) – created 3.9 miles of oyster barrier reefs in St. Bernard, Jefferson, and Plaquemines – completed May 2017



New Construction Starts in FY 2017

CWPPRA (6 Projects):

- BA-0034-2 **Hydrologic Restoration and Vegetative Planting in the Des Allemands Swamp** (\$6.2M) - adv. Jun '17
- CS-0054 **Cameron-Creole Watershed Grand Bayou Marsh Creation** (\$24.7M) - adv. May '17
- CS-0059 **Oyster Bayou Marsh Creation and Terracing** (\$30.9M) - mob'd Dec '16
- ME-0018 **Rockefeller Refuge Gulf Shoreline Stabilization** (\$35.4M) – adv. May '17
- ME-0021 **Grand Lake Shoreline Protection** (\$11.3M) - mob'd Dec '16
- TE-0072 **Lost Lake Marsh Creation and Hydrologic Restoration** (\$35.9M) - mob'd Feb '17

HSDRRS (1 Project):

- BA-0109 **HSDRRS Mitigation- WBV** (\$126M) - mob'd Oct '16

State (3 Projects):

- BA-0169 **Kraemer Bayou Boeuf Levee Lift** (\$1.2M)- adv. Jun '17
- TE-0116 **St. Mary Backwater Flooding** (\$10M)- adv. May '17
- TV-0055 **Morgan City/St. Mary Flood Protection** (\$10.9M)- mob'd Feb '17

WRDA (1 Project):

- BA-0191 **Spanish Pass Ridge and Marsh Restoration** (\$18.1MM)- adv. Jul '16



Construction Highlights

- Equipment mobilized- 10 protection, 10 restoration projects
- Bid, not yet mobilized- 2 protection, 4 restoration projects
- \$434M in awarded construction contracts*
- 5 Projects to be bid in the next 6 mos.



***not including HSDRRS contracts**

Spotlight on Dredging

- 3 dredges onsite for active projects (20.3M CY of sediment)
- 24.3M CY dredged on projects completed in the past 12 mos.
- Dredging to begin/resume soon on 5 construction projects (11.5M CY)
- 2 dredging projects to be bid in the next 6 mos. (3.3M CY)



Image courtesy of
Great Lakes Dredge
and Dock Corp.

PO-0104 Bayou Bonfouca Marsh Creation

- Restore/nourish 621 acres of marsh on the North Shore using ~5.2M CY of sediment from Lake Pontchartrain
- Construction Firm: Weeks Marine, Inc.— Current Contract Value: \$16,842,117
- Completion Date (est.): January 2018



CS-0059 Oyster Bayou Marsh Creation & Terracing

- Create/nourish 600 acres of marsh in Cameron Parish using ~4.7M CY of sediment from the Gulf; construct 14,140 LF of earthen terraces
- Construction Firm: Weeks Marine, Inc.
- Current Contract Value: \$19,108,688
- Completion Date (est.): December 2017



TE-0100 NRDA Caillou Lake Headlands

- Create 917 acres of dune/beach and 170 acres of marsh on Whiskey Island using ~10.4M CY of sediment from Ship Shoal
- Construction Firm: Great Lakes Dredge and Dock Corp.
- Current Contract Value: \$103,176,805
- Completion Date (est.): June 2018



Image courtesy of Great Lakes
Dredge and Dock Corp.

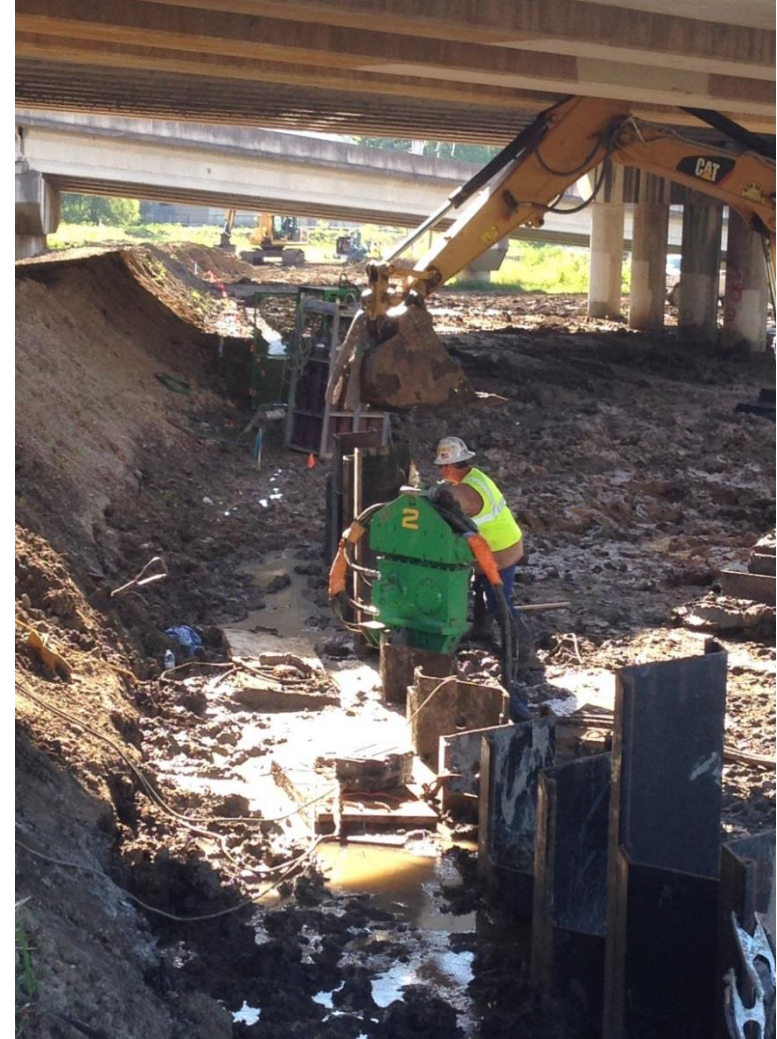
BA-0075-1 Jean Lafitte Tidal Protection

- Elevate 15,840 LF of existing earthen levee and construct ~7600 LF of concrete capped, steel sheet pile floodwall and flood gates in Lafitte's Fisher Basin
- Construction Firm: Baker Pile Driving
- Current Contract Value: \$8,773,178
- Completion Date (est.): March 2019



TV-0055 Morgan City/St. Mary Flood Protection

- Elevate/improve ~7 miles of existing levee in Morgan City, including 300 LF of sheet pile underneath Hwy 90)
- Construction Firm: Phylway Construction, LLC
- Current Contract Value: \$8,073,211
- Completion Date (est.): May 2018



Recently Bid Projects

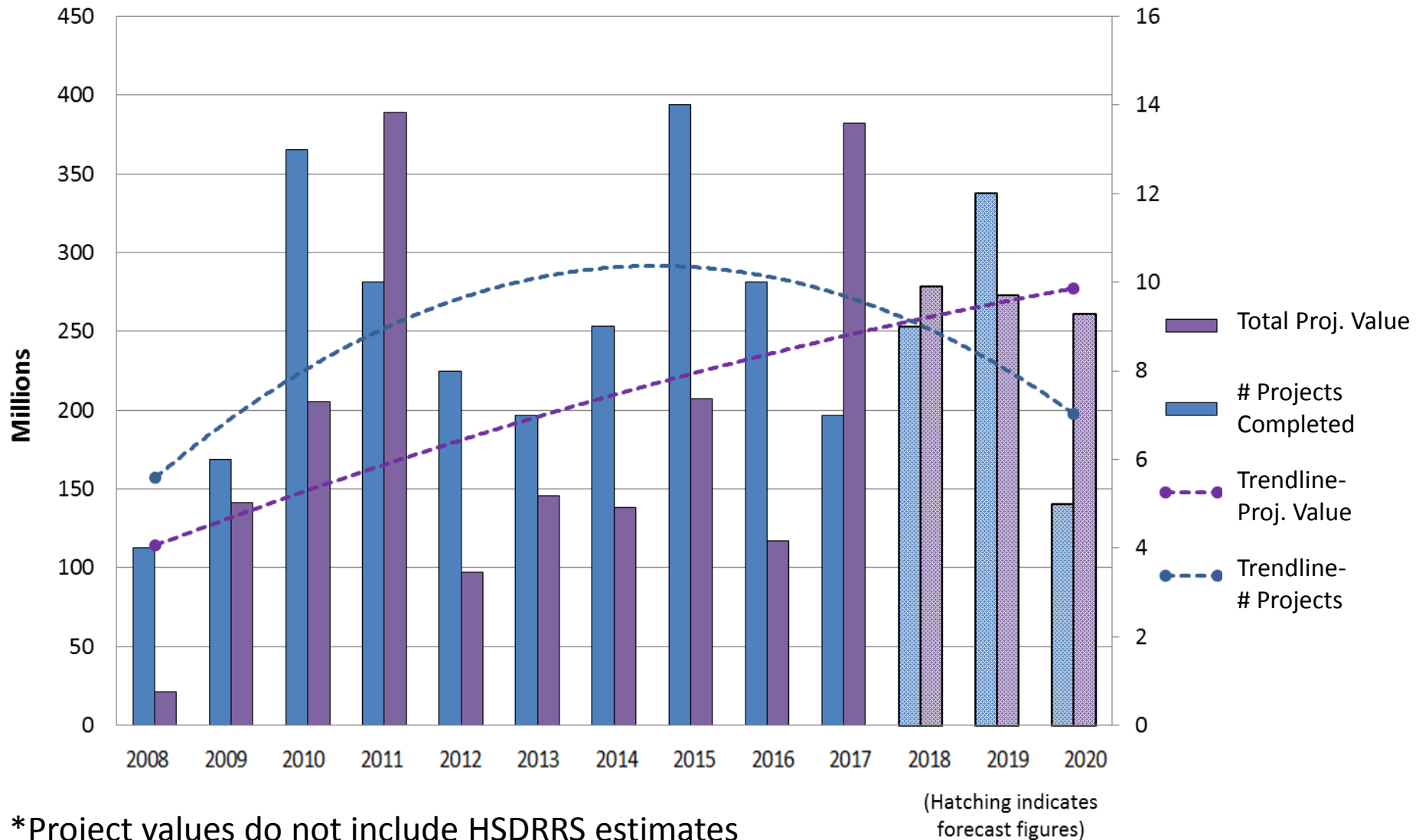
- **BA-0034-2 Hydrologic Restoration and Vegetative Planting in the Des Allemands Swamp** (CWPPRA) – restore Des Allemands Swamp hydrology with spoil bank gapping, culvert installation, channel restoration, and vegetative plantings – bid June 2017; mobilization Winter 2018
- **CS-0054 Cameron-Creole Watershed Grand Bayou Marsh Creation** (CWPPRA) – create/nourish 616 acres of marsh in the Cameron Prairie NWR with ~2.9M CY of dredged material from Calcasieu Lake – bid May 2017; mobilization late Summer 2017
- **BA-0169 Kraemer Bayou Boeuf Levee Lift** (State) – elevate ~33,000 feet of ring levees surrounding forced drainage area in Kraemer – bid June 2017; mobilization late Summer 2017
- **TE-0116 St. Mary Backwater Flooding** (State) – elevate/improve ~2700 LF of existing levee in Morgan City and construct a pump station – bid May 2017; mobilization late Summer 2017

Upcoming Construction Bid Advertisements

- ME-0020 **South Grand Chenier Marsh Creation** (CWPPRA) – creation/nourishment of 453 acres of marsh in Cameron Parish with ~1.5M CY of material from the Gulf – advertisement late Fall 2017 (est.)
- TV-0063 **Coles Bayou Marsh Restoration** (CWPPRA) – creation/nourishment of 418 acres of marsh in Vermilion Parish with ~1.8M CY of material from Vermilion Bay; installation of culverts to improve hydrology – advertisement late Summer 2017 (est.)
- TE-0078 **Cut-Off/Pointe Aux Chene Levee** (CDBG) – elevation of 2.14 miles of levee between Cut Off and Pointe-Aux-Chenes – advertisement Summer 2017 (est.)
- BA-0082 **Lafitte Area Levee Repair** (CDBG) – repair of existing levees in the Lafitte Area with rock material – advertisement early Fall 2017 (est.)
- PO-0170 **Violet Canal North Levee Alignment** (State) – construct levee/floodwall along Violet Canal for certification of Forty Arpent/Florida Avenue levee systems – advertisement late Summer 2017 (est.)

Construction Trends Over Time

PROJECT COMPLETION/VALUE BY FISCAL YEAR*



Questions?

CPRA was established as the single, centralized, State of Louisiana Authority, to consolidate state, parish and federal personnel and resources to create, coordinate and implement a Comprehensive Master Plan of unified vision for remediation, restoration and protection, to reduce hurricane storm surge flood impact, to restore our bountiful natural resources, to protect our nation's critical energy infrastructure, and to secure Louisiana's coast now and for future generations.



Coastal Protection and Restoration
Authority of Louisiana

